

**ORONOGO-DUNEWEG
MINING BELT**

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SUPERFUND SITE

ORONOGO-DUNEWEG, MISSOURI

**REMEDIAL ADMINISTRATIVE
RECORD**

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VOLUME I

**REGION VII
SUPERFUND DIVISION
U.S. ENVIRONMENTAL
PROTECTION AGENCY**

DOCUMENT DATE: 12/16/93
NUMBER OF PAGES: 8
AUTHOR: Doolan, D. Mark, WSTM/SPFD/REMEDIATION
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: William W. Rice, Acting Regional Administrator
DOCUMENT TYPE: Memorandum
REFERENCE: No
DOCUMENT TITLE: Subject re: "Removal Action Decision Document"
CATEGORY: 2.4

DOCUMENT DATE: 02/07/94
NUMBER OF PAGES: 13
AUTHOR: Uphoff, Gary D., Project Coordinator
COMPANY/AGENCY: Environmental Management Services Company
RECIPIENT: D. Mark Doolan, U.S. EPA
DOCUMENT TYPE: Action Memorandum
REFERENCE: No
DOCUMENT TITLE: Entitled: "Interim Removal Action Alternatives Evaluation Memorandum"
CATEGORY: 2.6

DOCUMENT DATE: 08/24/94
NUMBER OF PAGES: 8
AUTHOR: Williams, David P., On-Scene Coordinator
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: Dennis Grams, P.E., Regional Administrator
DOCUMENT TYPE: Memorandum
REFERENCE: No
DOCUMENT TITLE: Subject re: "Request for Removal Action and 12-Month Exemption for Oronogo-Duenweg Mining Belt Site, Jasper County, Missouri"
CATEGORY: 2.6

DOCUMENT DATE: 12/01/97
NUMBER OF PAGES: 2
AUTHOR: Williams, David P., On-Scene Coordinator
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: Site File
DOCUMENT TYPE: Memorandum
REFERENCE: No
DOCUMENT TITLE: Subject re: "Extended Period of Operation for Removal Action at Oronogo-Duenweg Mining Belt Site, Jasper County, Missouri"
CATEGORY: 2.6

DOCUMENT DATE: 01/04/94
NUMBER OF PAGES: 2
AUTHOR: Jackson, David E., Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Delivery of Bottled Water to 12
Residences"
CATEGORY: 3.1

DOCUMENT DATE: 02/17/94
NUMBER OF PAGES: 4
AUTHOR: Uphoff, Gary D., Project Coordinator
COMPANY/AGENCY: Environmental Management Services Company
RECIPIENT: D. Mark Doolan, U.S. EPA
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Update On the Status of the Bottled
Water Program"
CATEGORY: 3.1

DOCUMENT DATE: 04/18/94
NUMBER OF PAGES: 2
AUTHOR: Manges, Eric T., Program Manager for Gold Fields
COMPANY/AGENCY: Beazer Company
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Permanent Water Supply Plan Jasper
County Superfund Site"
CATEGORY: 3.1

DOCUMENT DATE: 01/28/94
NUMBER OF PAGES: 25
AUTHOR: Hubert, Ed
COMPANY/AGENCY: PRC Environmental Management, Inc.
RECIPIENT: Mark Doolan, U.S. EPA, Region 7
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Final Drinking Water Trip Report"
CATEGORY: 3.2

DOCUMENT DATE: 02/25/94
NUMBER OF PAGES: 8
AUTHOR: Wankum, Robin
COMPANY/AGENCY: Black & Veatch Waste Science, Inc.
RECIPIENT: Mark Doolan, EPA
DOCUMENT TYPE: Memorandum
REFERENCE: No
DOCUMENT TITLE: re:"Mine-Effectuated vs. Natural Mineralization"
CATEGORY: 3.2

DOCUMENT DATE: 12/09/93
NUMBER OF PAGES: 3
AUTHOR: Uphoff, Gary, Project Coordinator
COMPANY/AGENCY: Environmental Management Services Company
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Drinking Water Sampling Program"
CATEGORY: 3.3

DOCUMENT DATE: 12/29/93
NUMBER OF PAGES: 2
AUTHOR: Doolan, D. Mark
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: Gary Uphoff, Environmental Management Services
Company
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Bottled Water Program"
CATEGORY: 3.3

DOCUMENT DATE: 01/28/94
NUMBER OF PAGES: 9
AUTHOR: Uphoff, Gary D., Project Coordinator
COMPANY/AGENCY: Environmental Management Services Company
RECIPIENT: D. Mark Doolan, U.S. EPA
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Drinking Water Sampling Program"
CATEGORY: 3.3

DOCUMENT DATE: 02/08/94
NUMBER OF PAGES: 15
AUTHOR: Uphoff, Gary D., Project Coordinator
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Drinking Water Sampling"
CATEGORY: 3.3

DOCUMENT DATE: 04/26/94
NUMBER OF PAGES: 31
AUTHOR: Jirka, Andrea, Chief, Laboratory Branch, ENSV
COMPANY/AGENCY: United States Environmental Protection Agency
RECIPIENT: Roberty Morby, Chief, SPFD-WSTM
DOCUMENT TYPE: Memorandum
REFERENCE: No
DOCUMENT TITLE: Subject re:"Data Transmittal for Activity
#:IS236"
CATEGORY: 3.3

DOCUMENT DATE: 06/10/94
NUMBER OF PAGES: 36
AUTHOR: Uphoff, Gary D., Project Coordinator
COMPANY/AGENCY: Environmental Management Services Company
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Technical Memorandum
REFERENCE: No
DOCUMENT TITLE: re:"Round 3 Water Chemistry and Extended Water
Level Investigation"
CATEGORY: 3.3

DOCUMENT DATE: 06/27/94
NUMBER OF PAGES: 2
AUTHOR: Doolan, D. Mark, Remedial Project Manager
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: Gary Uphoff, Environmental Management Services
Company
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Round 3 Well Sampling and Water
Levels"
CATEGORY: 3.3

DOCUMENT DATE: 04/11/95
NUMBER OF PAGES: 2
AUTHOR:
COMPANY/AGENCY: USEPA Region VII
RECIPIENT:
DOCUMENT TYPE: EPA Form
REFERENCE: No
DOCUMENT TITLE: Entitled:"ASR Form"
CATEGORY: 3.3

DOCUMENT DATE: 05/16/95
NUMBER OF PAGES: 5
AUTHOR: Dula, Philip C., CHMM
COMPANY/AGENCY: CDM Federal Programs Corporation
RECIPIENT: Jack Generaux, U.S. Environmental Protection Agency
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Revision of Analytical Results for
Private Wells in the DA 4 Extension Area"
CATEGORY: 3.3

DOCUMENT DATE: 12/12/97

NUMBER OF PAGES: 226

AUTHOR:

COMPANY/AGENCY: Dames & Moore

RECIPIENT:

DOCUMENT TYPE: Report

REFERENCE: No

DOCUMENT TITLE: Entitled: "Final Draft Feasibility Study for the
Ground-Water Operable Unit of the Jasper County
Superfund Site, Jasper County, Missouri"

CATEGORY: 4.5

DOCUMENT DATE: 02/01/98

NUMBER OF PAGES: 23

AUTHOR:

COMPANY/AGENCY: U.S. Environmental Protection Agency

RECIPIENT:

DOCUMENT TYPE: Plan

REFERENCE: No

DOCUMENT TITLE: Entitled: "Proposed Plan"

CATEGORY: 5.6

DOCUMENT DATE: 08/02/91
NUMBER OF PAGES: 76
AUTHOR:
COMPANY/AGENCY: United States Environmental Protection Agency
RECIPIENT:
DOCUMENT TYPE: Order
REFERENCE: No
DOCUMENT TITLE: Entitled:"Administrative Order on Consent"
CATEGORY: 10.6

DOCUMENT DATE: 12/15/93
NUMBER OF PAGES: 86
AUTHOR:
COMPANY/AGENCY: United States Environmental Protection Agency
RECIPIENT:
DOCUMENT TYPE: Memorandum with Attachment
REFERENCE: No
DOCUMENT TITLE: Subject re:"CERCLA 106 Unilateral
Administrative Order for Removal Action to
Provide Bottled Water Jasper County Site"
CATEGORY: 10.6

DOCUMENT DATE: 06/24/94
NUMBER OF PAGES: 31
AUTHOR:
COMPANY/AGENCY: United States Environmental Protection Agency
RECIPIENT:
DOCUMENT TYPE: Order
REFERENCE: No
DOCUMENT TITLE: Entitled:"Unilateral Administrative Order"
CATEGORY: 10.6

DOCUMENT DATE: 06/30/94
NUMBER OF PAGES: 6
AUTHOR: Gileo Faye, Terrance
COMPANY/AGENCY: Beazer East, Inc.
RECIPIENT: Audrey Asher, Esquire, Senior Assistant Region
Counsel, U.S. Environmental Protection Agency
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Unilateral Administrative Order
Bottled Water Oronogo-Duenweg Designated Area"
CATEGORY: 10.6

DOCUMENT DATE: 06/30/94
NUMBER OF PAGES: 4
AUTHOR: Williams, Stephen E.
COMPANY/AGENCY: Bayh, Connaughton, Ensterheim & Malone, P.C.
RECIPIENT: Audrey Asher, Esq., Senior Assistant Regional
Counsel, U.S. Environmental Protection Agency
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re: "EPA Doc No. VII 94-F-0018,
Unilateral Administrative Order to Supply
Bottled Water, Oronogo-Duenweg Designated Area"
CATEGORY: 10.6

DOCUMENT DATE: 10/17/94
NUMBER OF PAGES: 4
AUTHOR: Kloeckner, E. Jane, Assistant Regional Counsel
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: Walter W. Nowotny, Jr., Secretary and General
Counsel, The Doe Run Company
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re: "Participation In All On-Going
Response Actions"
CATEGORY: 10.6

DOCUMENT DATE: 12/14/93
NUMBER OF PAGES: 7
AUTHOR: Uphoff, Gary D., Project Coordinator
COMPANY/AGENCY: Environmental Management Services Company
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Correspondence With Attachment
REFERENCE: No
DOCUMENT TITLE: re: "Work Plan for Sampling and Analysis of
Drinking Water"
CATEGORY: 10.9

DOCUMENT DATE: 12/16/93
NUMBER OF PAGES: 7
AUTHOR: Uphoff, Gary D., Project Coordinator
COMPANY/AGENCY: Environmental Management Services Company
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Correspondence With Attachment
REFERENCE: No
DOCUMENT TITLE: re: "Revision to the Sampling and Analysis Work
Plan"
CATEGORY: 10.9

DOCUMENT DATE: 03/16/94
NUMBER OF PAGES: 8
AUTHOR: Uphoff, Gary D., Project Coordinator
COMPANY/AGENCY: Environmental Management Services Company
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Correspondence With Attachment
REFERENCE: No
DOCUMENT TITLE: re:"Ground Water Sampling and Analysis Work
Plan"
CATEGORY: 10.9

DOCUMENT DATE: 04/06/94
NUMBER OF PAGES: 3
AUTHOR: D. Mark Doolan, Remedial Project Manager
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: Gary Uphoff, Environmental Management Services
Company
DOCUMENT TYPE: Correspondence
REFERENCE: No
DOCUMENT TITLE: Letter re:"Approval of the Ground Water
Sampling and Analysis Plan"
CATEGORY: 10.9

DOCUMENT DATE: 08/02/94
NUMBER OF PAGES: 14
AUTHOR: Jackson, David E., Program Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 11/10/94
NUMBER OF PAGES: 3
AUTHOR: Jackson, David E., Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 02/09/95
NUMBER OF PAGES: 3
AUTHOR: Corn, Frederick, Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 05/10/95
NUMBER OF PAGES: 3
AUTHOR: Corn, Frederick, Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 08/10/95
NUMBER OF PAGES: 3
AUTHOR: Corn, Frederick, Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 11/10/95
NUMBER OF PAGES: 3
AUTHOR: Corn, Frederick, Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 02/10/96
NUMBER OF PAGES: 3
AUTHOR: Corn, Frederick, Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 05/10/96
NUMBER OF PAGES: 3
AUTHOR: Viskocil, Kathleen H., Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 08/09/96
NUMBER OF PAGES: 3
AUTHOR: Viskocil, Kathleen H., Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 11/08/96
NUMBER OF PAGES: 2
AUTHOR: Deters, Jennifer, Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled:"Quarterly Report, Bottled Water
Supply"
CATEGORY: 10.9

DOCUMENT DATE: 02/05/97
NUMBER OF PAGES: 2
AUTHOR: Deters, Jennifer J., Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled: "Quarterly Report, Bottled Water Supply"
CATEGORY: 10.9

DOCUMENT DATE: 04/10/97
NUMBER OF PAGES: 2
AUTHOR: Fischer, Randy, FS Coordinator
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, Remedial Program Manager, U.S. Environmental Protection Agency
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled: "Monthly Progress Report"
CATEGORY: 10.9

DOCUMENT DATE: 08/05/97
NUMBER OF PAGES: 3
AUTHOR: Deters, Jennifer J., Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled: "Quarterly Report, Bottled Water Supply"
CATEGORY: 10.9

DOCUMENT DATE: 08/11/97
NUMBER OF PAGES: 2
AUTHOR: Deters, Jennifer J., Project Manager
COMPANY/AGENCY: Dames & Moore
RECIPIENT: D. Mark Doolan, U.S. EPA-Region VII
DOCUMENT TYPE: Report
REFERENCE: No
DOCUMENT TITLE: Entitled: "Quarterly Report, Bottled Water Supply"
CATEGORY: 10.9

DOCUMENT DATE: 05/01/94

NUMBER OF PAGES: 1

AUTHOR:

COMPANY/AGENCY: U.S. Environmental Protection Agency

RECIPIENT:

DOCUMENT TYPE: Fact Sheet

REFERENCE: No

DOCUMENT TITLE: re:"Oronogo-Duenweg Superfund Site"

CATEGORY: 13.5

DOCUMENT DATE: 06/30/92
NUMBER OF PAGES: 1
AUTHOR:
COMPANY/AGENCY:
RECIPIENT:
DOCUMENT TYPE: Notes from Teleconference
REFERENCE: No
DOCUMENT TITLE: re:"ARARs"
CATEGORY: 17.10

DOCUMENT DATE: 05/11/93
NUMBER OF PAGES: 2
AUTHOR: Langemeier, Ralph N., Chief, Drinking Water Branch
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: Robert Morby, Chief, Superfund Branch
DOCUMENT TYPE: Memorandum
REFERENCE: No
DOCUMENT TITLE: Subject re:"Drinking Water Supplies' Source
Water Impacted by Superfund Sites With Lead"
CATEGORY: 17.10

DOCUMENT DATE: 12/21/93
NUMBER OF PAGES: 3
AUTHOR: Hess, George K.
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: Marth Steincamp, CNSL
DOCUMENT TYPE: Memorandum
REFERENCE: No
DOCUMENT TITLE: Subject re:"Regional Removal Alternate Water
Policies"
CATEGORY: 17.10

DOCUMENT DATE: 06/23/94
NUMBER OF PAGES: 3
AUTHOR: Grams, Dennis, Regional Administrator
COMPANY/AGENCY: U.S. Environmental Protection Agency
RECIPIENT: Leo Alderman, Acting Director, Environmental
Services Division
DOCUMENT TYPE: Memorandum
REFERENCE: No
DOCUMENT TITLE: Subject re:"Regional Policy for Residential
Connections to Existings Public Utilities Under
the CERCLA Removal Authority"
CATEGORY: 17.10